

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/581,455
Source: IFW
Date Processed by STIC: 4/18/07

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 04/18/2007

PATENT APPLICATION: US/10/581,455

TIME: 10:56:39

Input Set : A:\10581455.raw

Output Set: N:\CRF4\04172007\J581455.raw

3 <110> APPLICANT: Amit, Michal
 5 <120> TITLE OF INVENTION: METHODS OF GENERATING STEM CELLS AND EMBRYONIC BODIES CARRYING
 6 DISEASE-CAUSING MUTATIONS AND METHODS OF USING SAME FOR STUDYING
 7 GENETIC DISORDERS
 9 <130> FILE REFERENCE: 32059
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/581,455
 C--> 11 <141> CURRENT FILING DATE: 2006-06-01
 11 <160> NUMBER OF SEQ ID NOS: 38
 13 <170> SOFTWARE: PatentIn version 3.4
 15 <210> SEQ ID NO: 1
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 17 <212> TYPE: DNA
 18 <213> ORGANISM: Artificial sequence
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 21 <223> OTHER INFORMATION: Single strand DNA oligonucleotide
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 27 <210> SEQ ID NO: 2
 28 <211> LENGTH: 27
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 30 <213> ORGANISM: Artificial sequence
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 39 <210> SEQ ID NO: 3
 40 <211> LENGTH: 22
 41 <212> TYPE: DNA
 42 <213> ORGANISM: Artificial sequence
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 45 <223> OTHER INFORMATION: Single strand DNA oligonucleotide
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 52 <211> LENGTH: 23
 53 <212> TYPE: DNA
 54 <213> ORGANISM: Artificial sequence
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 57 <223> OTHER INFORMATION: Single strand DNA oligonucleotide
 59 <400> SEQUENCE: 4
 60 gggatcacag accatttctt tct 23
 63 <210> SEQ ID NO: 5
 64 <211> LENGTH: 20

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69 <223> OTHER INFORMATION: Single strand DNA oligonucleotide
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75 <210> SEQ ID NO: 6
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77 <212> TYPE: DNA
78 <213> ORGANISM: Artificial sequence
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81 <223> OTHER INFORMATION: Single strand DNA oligonucleotide
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84 gaggattgca aggcttatgg 20
87 <210> SEQ ID NO: 7
88 <211> LENGTH: 20
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Single strand DNA oligonucleotide
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99 <210> SEQ ID NO: 8
100 <211> LENGTH: 17
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial sequence
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105 <223> OTHER INFORMATION: Single strand DNA oligonucleotide
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136 <211> LENGTH: 24
137 <212> TYPE: DNA

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162 <213> ORGANISM: Artificial sequence
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186 <213> ORGANISM: Artificial sequence
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208 <211> LENGTH: 22
209 <212> TYPE: DNA
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233 <212> TYPE: DNA
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237 <223> OTHER INFORMATION: Single strand DNA oligonucleotide
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256 <211> LENGTH: 2039
257 <212> TYPE: DNA
258 <213> ORGANISM: Homo sapiens
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262 <221> NAME/KEY: misc_feature
263 <222> LOCATION: (1505)..(1505)
264 <223> OTHER INFORMATION: Harboring a C to T mutation in the P377L mutant
266 <400> SEQUENCE: 21
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269 gcccgactcc gctggtcagc gccaaagtac ttacgcccc gacctgagc ccggaccgct      120
271 aggcgaggag gatcagatct ccgctcgaga atctgaaggt gccctgggtcc tggaggagtt      180
273 ccgtcccagc ccgcggtctc ccggtactgt cgggccccgg ccctctggag cttcaggagg      240
275 cggccgtcag ggtcggggag tatttgggtc cggggctctc ggggaaggcg gcgcctgggt      300
277 ctgcggtatc ggaaagagcc tgctggagcc aagtagccct ccctctcttg ggacagacct      360
279 ctcggtccca tgtccatggg ggcaccgagg tccctcctcc tggccctggc tgctggcctg      420
281 gccgttgccc gtccgcccac catcgtgctg atctttgccg acgacctcgg ctatggggac      480
283 ctgggctgct atgggcaccc cagctctacc actcccaacc tggaccagct ggcggcggga      540
285 gggctgcggt tcacagactt ctacgtgcct gtgtctctgt gcacaccctc tagggccgcc      600
287 ctccctgaccg gccggtcccc ggttcggatg ggcattgacc ctggcgctct ggtgcccgac      660
289 tcccgggggg gcctgcccct ggaggaggtg accgtggccg aagtcctggc tgcccagggc      720

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291 tacctcacag gaatggccgg caagtggcac cttgggggtgg ggcctgaggg ggccttctctg 780
293 cccccccatc agggcttcca tcgatttcta ggcattccgt actcccacga ccaggggcccc 840
295 tgccagaacc tgacctgctt cccgccggcc actccttgcg acggtggctg tgaccagggc 900
297 ctggtcccca tccactgtt ggccaacctg tccgtggagg cgcagcccc ctggctgccc 960
299 ggactagagg cccgtacat ggctttcgcc catgacctca tggccgacgc ccagcgccag 1020
301 gatcgcccc tcttctgtga ctatgcctct caccacaccc actaccctca gttcagtggg 1080
303 cagagctttg cagagcgctt aggcgcggg ccatttgggg actccctgat ggagctggat 1140
305 gcagctgtgg ggacctgat gacagccata ggggacctgg ggcctgctga agagacgctg 1200
307 gtcactttca ctgcagacaa tggacctgag accatgcgta tgtcccagg cggtgctcc 1260
309 ggtctcttgc ggtgtggaaa gggaacgacc tacgagggcg gtgtccgaga gctgccttg 1320
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313 ctgctgccta ccctggcagc cctggctggg gcccactgc ccaatgtcac cttggatggc 1440
315 tttgacctca gccccctgct gctgggcaca ggcaagagcc ctcggcagtc tctcttcttc 1500
W--> 317 taccngtcct acccagacga ggtccgtggg gtttttctg tgcggactgg aaagtacaag 1560
319 gctcacttct tcacccaggg ctctgcccac agtgatacca ctgcagaccc tgcctgccac 1620
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323 ggtgagaact acaacctgct ggggggtgtg gccggggcca cccagaggt gctgcaagcc 1740
325 ctgaaacagc ttcagctgct caaggcccag ttagacgcag ctgtgacctt cggccccagc 1800
327 caggtggccc ggggcgagga ccccgccctg cagatctgct gtcactctgg ctgaccccc 1860
329 cggccagctt gctgccattg cccagatccc catgacctgag gggccctcgg ctggcctggg 1920
331 catgtgatgg ctctcactg ggagcctgtg ggggaggctc aggtgtctgg aggggggttg 1980
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338 <212> TYPE: DNA
339 <213> ORGANISM: Homo sapiens
341 <400> SEQUENCE: 22
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344 agtggccaga gaggcccagg ggacagccag ggacaggcag acatgcagcc agggctccag 120
346 ggcctggaca ggggtgcca ggccctgtga caggaggacc cgcagcccc ggcccgggga 180
348 ggggccatgg tgctgcctgt ccaacatgtc agccgaggtg cggctgaggc ggctccagca 240
350 gctggtgttg gaccgggctt tcctggggct ggagcccctg ctgcaccttc tcttggcgct 300
352 ccaccaggag ctgggcgcct ccgaactggc ccaggacaag tacgtggccg acttcttgca 360
354 gtgggcggag cccatcgtgg tgaggcttaa ggaggtccga ctgcagaggg acgacttcga 420
356 gattctgaag gtgatcgga gcgggcgctt cagcgaggta gcggtagtga agatgaagca 480
358 gacgggccag gtgtatgcca tgaagatcat gaacaagtgg gacatgctga agaggggcga 540
360 ggtgtcgtgc ttccgtgagg agagggacgt gttggtgaat ggggaccggc ggtggatcac 600
362 gcagctgcac ttgccttcc aggatgagaa ctacctgtac ctggtcatgg agtattacgt 660
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366 gcgcttctac ctggcggaga ttgtcatggc catagactcg gtgcaccggc ttggctacgt 780
368 gcacagggac atcaaacccg acaacatcct gctggaccgc tgtggccaca tccgcctggc 840
370 cgacttcggc tcttgctca agctgcgggc agatggaacg gtgcggctcg tgggtggctgt 900
372 gggcacccca gactacctgt cccccagat cctgcaggct gtgggcgggt ggccctggac 960
374 aggcagctac gggcccaggt gtgactgggt ggcgctgggt gtattcgctt atgaaatgtt 1020
376 ctatgggcag acgcccctct acgcggtatc cagggcggag acctatggca agatcgtcca 1080
378 ctacaaggag cacctctctc tgccgctggg ggacgaaggg gtccctgagg aggtcagaga 1140
380 cttcattcag cggttgctgt gtcccccgga gacacggctg ggcgggggtg gagcaggcga 1200
382 cttccggaca catcccttct tctttggcct cgactgggat ggtctccggg acagcgtgcc 1260
384 cccctttaca ccggatttcg aaggtgccac cgacacatgc aacttcgact tgggtggagga 1320

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/581,455

DATE: 04/18/2007
TIME: 10:56:40

Input Set : A:\10581455.raw
Output Set: N:\CRF4\04172007\J581455.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:21; N Pos. 1505
Seq#:24; N Pos. 1609

VERIFICATION SUMMARY

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Input Set : A:\10581455.raw

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L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:1500

L:562 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:1560